

Attorney Docket: 27209U

MAIL STOP PCT

U.S. Department Of Commerce, Patent And Trademark Office		Date: January 27, 2006
Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371		U.S. Application No.: <b>10/866078</b> (if known; Not Yet Assigned)
International Application No.: <b>PCT/IL2004/000692</b>	International Filing Date: 28 July 2004 (28.07.2004)	Priority Date Claimed: 28 July 2003 (28.07.2003) US
Title of Invention: OPTICAL DETECTION OF ANALYTES BY USE OF SEMICONDUCTOR NANOPARTICLES		
Applicants for DO/EO/US: PATOLSKY, Fernando; GILL, Ron; WEIZMANN, Yossi; WILLNER, Itamar; BANIN, Uri; MOKARI, Taleb		
<p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information:  <b>TRANSMITTAL LETTER; INTERNATIONAL PUBLICATION NUMBER: WO 2005/010211 A1, WITH PCT/ISA/210 (INTERNATIONAL SEARCH REPORT); INTERNATIONAL PUBLICATION DATE: 3 FEBRUARY 2005 (03.02.2005), WHICH CONSISTS OF 30 PAGES: 1 PAGE FOR THE COVER SHEET, WITH ABSTRACT, 17 PAGES OF TEXTUAL SPECIFICATION, 6 PAGES OF 36 CLAIMS, 5 SHEETS OF DRAWINGS, 1 PAGE OF THE SEQUENCE LISTING; PRELIMINARY AMENDMENT; WITH APPENDIX A TO BE EXAMINED; UNEXECUTED DECLARATION AND POWER OF ATTORNEY; POSTCARD FOR EARLY NOTIFICATION OF THE SERIAL NUMBER REQUEST.</b> </p>		

JAP20 Reg 1000000 27 JAN 2006

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U.S. Application Number:  
(if known): Not Yet Assigned

International Application Number:  
PCT/IL2004/000692

Date: January 27, 2006

The following fees are submitted:				CALCULATIONS		PTO USE ONLY																					
21. Basic National Fee (37 CFR 1.492(a))..... \$ 300.00				\$ 300.00																							
22. Examination Fee (37 CFR 1.492 (c)) If the written opinion prepared by ISA/US or the International Preliminary Examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$ 0.00 Article 33(1)-(4) ..... \$ 200.00 All other situations ..... \$ 200.00				\$ 200.00																							
23. Search Fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International Preliminary Examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$ 0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$ 100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$ 400.00 All other situations ..... \$ 500.00				\$ 400.00																							
Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium). The fee is \$ 250.00 for each additional 50 sheets of paper or fraction thereof.				\$ 900.00																							
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 900.00																							
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00																							
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER: FILED</th> <th>NUMBER: EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>TOTAL</td> <td>26-20=</td> <td>6</td> <td>X \$ 50.00</td> </tr> <tr> <td>INDEPENDENT</td> <td>4-3=</td> <td>1</td> <td>X \$ 200.00</td> </tr> <tr> <td colspan="2">Multiple dependent claims(s) (if applicable)</td> <td></td> <td>+ \$360.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS = \$ 1,400.00</td> </tr> </tbody> </table>				CLAIMS	NUMBER: FILED	NUMBER: EXTRA	RATE	TOTAL	26-20=	6	X \$ 50.00	INDEPENDENT	4-3=	1	X \$ 200.00	Multiple dependent claims(s) (if applicable)			+ \$360.00	TOTAL OF ABOVE CALCULATIONS = \$ 1,400.00				\$ 0.00			
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Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				\$ 0.00																							
SUBTOTAL =				\$ 700.00																							
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				\$ 0.00																							
TOTAL NATIONAL FEE =				\$ 700.00																							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 0.00																							
TOTAL FEES ENCLOSED =				\$ 700.00																							
				Amount to be: refunded charged		\$	\$																				

IAP20 Rec'd FGW/TD 27 JAN 2006

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U.S. Application Number:  
(if known): Not Yet Assigned  
**10/566078**

International Application  
Number: PCT/IL2004/000692

Date: January 27, 2006

a.  Two checks in the amounts of \$ 450.00 and \$ 250.00 to cover the above fees is enclosed.

b.  Please charge my Deposit Account Number: 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c.  The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account Number: 14-0112.

d.  Fees are to be charged to a credit card \_\_\_\_\_. WARNING: Information on this form may become public \_\_\_\_\_. Credit Card Information should not be included on this form.  
\_\_\_\_\_. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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10/566078

AP20Rcc1PCT/US 27 JAN 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

PATOLSKY, et al.

Serial No.: Not Yet Assigned

Filed: January 27, 2006

International Application No.: PCT/IL2004/000692

International Filing Date: 28 July 2004 (28.07.2004)

Title: OPTICAL DETECTION OF ANALYTES BY USE OF SEMICONDUCTOR NANOPARTICLES

TRANSMITTAL LETTER

Commissioner for Patents

P.O. Box 1450

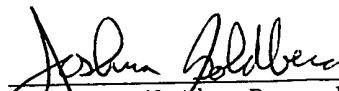
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- 1) Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning filing under 35 U.S.C. 371;
- 2) International Publication Number: WO 2005/010211 A1, with PCT/ISA/210 (International Search Report); International Publication Date: 3 February 2005 (03.02.2005), which consists of 30 pages:
  - 1 page for the Cover Sheet, with Abstract,
  - 17 pages of Textual Specification,
  - 6 pages of 36 Claims,
  - 5 sheets of Drawings,
  - 1 page of the Sequence Listing;
- 3) **Preliminary Amendment with Appendix A to be Examined;**
- 4) Unexecuted Declaration and Power of Attorney;
- 5) Check No.: 1594 in the Amount of \$ 450.00 for Basic Filing Fee, which includes the Search and Examination Fees, as a Small Entity;
- 6) Check No.: 1595 in the Amount of \$ 250.00 for 6 Extra Total Claims (\$150) and 1 Extra Independent Claim (\$100), as a Small Entity;
- 7) Postcard for Early Notification of the Serial Number Request.

Respectfully submitted,  
**NATH & ASSOCIATES PLLC**



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Customer No. 20529

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